

Author Index to Volume 16 (1988/89)

(The issue number is given in front of the pagination)

- Aggarwal, S. and Har'el, Z.**, Simulation Analysis of Protocols in an Integrated Software Environment (3) 197-215
- Bauerfeld, W.**, *see* Cornillie-Braun, A. (1, 2) 24- 30
- Beale, J.S.**, COSINE Implementation Phase: COSINE Project Officer's View (1, 2) 116-118
- Belina, F. and Hogrefe, D.**, The CCITT-Specification and Description Language SDL (4) 311-341
- Binst, P. van**, Pan-European High-Speed Networking (1, 2) 124-128
- Burg, F.M. and Puges, P.**, X.25: It's Come a Long Way (5) 395-404
- Birkle, M.**, Broadband Services (1, 2) 135-136
- Carpenter, B.E.**, COSINE Implementation Phase: The View from a Major Site (1, 2) 121-122
- Chen, K.-L.**, *see* Yan, X. (5) 405-414
- Cheung, T.-Y. and Sablatash, M.**, A Functional Network Model for Analytical File Management in ISDN Systems From Generalization of Videotex Systems (4) 299-310
- Chon, K.**, *see* Han, S. (5) 357-365
- Chua, K.C.**, *see* Ko, C.C. (5) 347-355
- Clyne, L.**, LAN/WAN Interworking (1, 2) 34- 39
- Cockburn, A.A.R.**, Tree-forming Reversible Routes in Communication Networks (4) 267-279
- Cornillie-Braun, A. and Bauerfeld, W.**, Tariff Structure of European Public Packet Switched Data Networks (1, 2) 24- 30
- Craigie, J.**, ISO 10021 - X.400(88): A Tutorial for Those Familiar with X.400(84) (1, 2) 153-160
- Dand, A.**, Product Review: Trends and Issues (1, 2) 31- 33
- Fluckiger, F.**, Gateways and Converters in Computer Networks (1, 2) 55- 59
- Fratta, L. and Wozniak, J.**, PR-EXPRESS: Collision-free Access Protocol for Packet Radio Networks (3) 229-242
- Garcia-Luna-Aceves, J.J.**, A Minimum-hop Routing Algorithm Based on Distributed Information (5) 367-382
- Han, S., Chon, K. and Lee, D.**, A Virtual Terminal Protocol with Windowing Capability (5) 357-365
- Hansen, A.**, RARE MHS Project Review (1, 2) 8- 12
- Har'el, Z.**, *see* Aggarwal, S. (3) 197-215
- Hine, M.**, *see* Koudelka, O. (1, 2) 129-134
- Hogrefe, D.**, *see* Belina, F. (4) 311-341
- Huitema, C.**, The X.500 Directory Services (1, 2) 161-166
- Humblet, P.A. and Soloway, S.R.**, Topology Broadcast Algorithms (3) 179-186
- Hutton, J.**, Overview of the Current Situation (1, 2) 21- 23
- Jeffree, T.**, A Review of OSI Management Standards (1, 2) 167-174
- Jin, C.-Y.**, *see* Tcha, D.-W. (3) 217-227
- Karrenberg, D.**, EUnet and OSI Transition Plans (1, 2) 94-100
- Kille, S.**, The THORN Large Scale Pilot Exercise (1, 2) 143-145
- Ko, C.C., Lye, K.M., Chua, K.C. and Yap, F.T.**, Analysis of a CSMA/CD-based Protocol with Dynamic Segmentation (5) 347-355
- Koudelka, O. and Hine, M.**, Higher Speed Services (1, 2) 129-134
- Lee, D.**, *see* Han, S. (5) 357-365
- Lenzini, L.**, The OSIRIDE-Interrest Initiative: Status and Trends (3) 243-255
- Linington, P.F.**, President's Review of the Year (1, 2) 6- 7
- Linington, P.F.**, The COSINE Implementation Phase Review (1, 2) 108-115
- Lubich, H. and Plattner, B.**, Naming and Addressing in SWITCHmail (1, 2) 48- 54
- Lutz, E.**, *see* Tcha, D.-W. (3) 217-227
- Lye, K.M.**, *see* Ko, C.C. (5) 347-355
- Malagardis, N.**, COSINE Implementation Phase: National View (1, 2) 119-120
- McKenna, P.**, Update on EUROMATH (1, 2) 150-152
- Mendoza, E.**, Directory Services and COSINE (1, 2) 44- 47
- Mount, R.P.**, What Users Want (1, 2) 146-149
- Newman, N.K.**, *see* Richter, J.A. (1, 2) 64- 74
- Olthoff, R. and Truijens, J.**, Editorial (to Special Issue "4th European Networkshop, 16-18 May 1988, Les Diablerets, Switzerland") (1, 2) 1- 3
- Plattner, B.**, The Swiss National Network for Research and Education (SWITCH) (1, 2) 75- 82
- Plattner, B.**, *see* Lubich, H. (1, 2) 48- 54
- Puges, P.**, *see* Burg, F.M. (5) 395-404

North-Holland

Computer Networks and ISDN Systems 16 (1988/89) 419-420

- Richter, J.A. and Newman, N.K.**, The Role of the European Commission in Telecommunications: The CEC Green Paper and Beyond (1, 2) 64-74
- Rubin, R.**, *see* **Turman, B.** (3) 187-196
- Sablatah, M.**, *see* **Cheung, T.-Y.** (4) 299-310
- Scheller, A.**, Document Standards: Availability and Products (1, 2) 138-142
- Smith, I.L.**, Joint Academic Network (JANET) (1, 2) 101-105
- Soloway, S.R.**, *see* **Humblet, P.A.** (3) 179-186
- Speth, R.**, EUTECO 88: European Teleinformatics Conference 1988 (COST-11 ter News) (3) 257-259
- Tcha, D.-W., Jin, C.-Y. and Lutz, E.**, Link-by-Link Bandwidth Allocation in an Integrated Voice/Data Network Using the Fuzzy Set Approach (3) 217-227
- Tropper, C.**, *see* **Zissopoulos, A.** (5) 383-393
- Truijens, J.**, *see* **Olthoff, R.** (1, 2) 1-3
- Turman, B. and Rubin, R.**, Bell Operating Company Packet Interfaces Between Networks and Subnets (3) 187-196
- Wilhelm, M.**, Migration for Users (1, 2) 40-43
- Wolff, S.**, The Present Networking Situation in the USA (1, 2) 89-91
- Wozniak, J.**, *see* **Fratta, L.** (3) 229-242
- Yan, X. and Chen, K.-L.**, Inter-network Connection of the Local Area Networks C-Net and Omninet (5) 405-414
- Yap, F.T.**, *see* **Ko, C.C.** (5) 347-355
- Zhao, X.**, Present Situation of OSI Standards in China (1, 2) 83-88
- Zissopoulos, A. and Tropper, C.**, On Buffer Allocation in Transport Protocols (5) 383-393
- Zukerman, M.**, Circuit Allocation and Overload Control in a Hybrid Switching System (4) 281-298

Subject Index to Volume 16 (1988/89)

Abstract Data Types	311	Dialogue Service	40
Address Mapping	48	Directory Access Protocol	44
Addressing	48	Directory Information Base	44
Analysis and Verification	197	Directory Service	44, 143, 161
Analytical and Functional Studies	299	Directory System Protocol	44
Applications Project	150	Distributed Access Mechanism	229
ARPANET	89	Distributed Algorithms	179, 367
		Distributed Applications	146
Bandwidth Allocation	217	Distributed Management	167
Behaviour	311	Document Interchange	138
Bell Operating Company	187	Document Structures	138
BITNET	89		
Bridges	55	ECMA	143
Buffer Allocation	383	Electronic Mail	8, 21, 48, 94
		Electronic News	94
Call Charges	24	Esprit	143
CCITT	311, 395	EUnet	94
CCITT G700	146	EUROMATH	150
CCITT Recommendation	243	European Academic Research Network	40
CCITT X.25	101	European Commission	116
CCITT X.400	40	European Communication Policy	116
CCITT X.500	44, 143	European Mathematical Trust (EMT)	150
CEC Communications Policy	64	European Network Policy	108
Chain of Converters	55	European Network Organisation	21
China OSI	83	Explicit	267
China PDN	83		
China Scientific and Technical Information System	83	Fault Reporting	101
China Standardization	83	FDDI-II	281
China State Economics Information System	83	FDT	311
Circuit Allocation	281	Fibre Optics	135
Classification	299	Fibre-optic Links	129
Common Management Information Services and Protocols	167	File Allocation	299
Computer Networks	347	File Management	299
Conflict-free Transmission	229	File Transfer	21, 24, 40, 75
Conformance Testing	243	First-fit	281
Converter Transparency	55	Fixed and Mobile Station Networks	229
Converters	55	Fixed Boundary System	217
Converters at CERN	55	Formal Description Techniques	197
COSINE	6, 21, 24, 108, 116, 119, 121, 150	Functional Standards	21
COSINE Implementation Phase	108	Fuzzy Set Approach	217
COSINE Requirements	44		
CSMA/CD	347	Gateway Reliability	55
		Gateways	34, 40, 55, 75, 101
Data Communication	124, 347, 395	GIFT	55
Data Transmission	135	Green Paper	64
De facto Standards	150		
Description	311	Half-gateway	405
Design	311	High-speed Networking	89, 135
Deutsches Forschungsnetz	40	High-speed Networks	124, 129
Dialog	24	Host Level	405
		Hybrid Switching	281
		IEEE 802	167
		Integrated Voice/Data Network	217
		Inter-network Layer	405
		Interconnection Level	405

North-Holland

Computer Networks and ISDN Systems 16 (1988/89) 421-423

- | | | | |
|---|-----------------------|--------------------------------------|------------------------|
| Interconnection Topology | 405 | OSI Management | 167 |
| Interface | 187 | OSI Migration | 55, 150 |
| Interim Protocols | 121 | OSI Products | 31 |
| International | 124 | OSI Services | 108 |
| International Standards | 21, 40 | OSI Standard | 243 |
| Interworking | 395 | Overload Control | 281 |
| ISDN | 299, 395 | | |
| ISO | 167, 395 | Packet Radio Networks | 229 |
| ISO 10021 | 153 | Packet Switched Networks | 24 |
| ISO 8802 Technologies | 34 | Packet Switching | 187 |
| | | Performance Analysis | 347, 383 |
| LAN Interconnection | 75, 129 | Performance Evaluation | 229 |
| LAN/WAN Interworking | 34 | Performance Monitoring | 101 |
| LANs | 395 | PICS | 243 |
| Late Binding | 55 | Poisson Process | 281 |
| Layer Management | 167 | Private Networks | 395 |
| | | Protocols | 75, 187, 197, 311 |
| Mail Networks | 48 | Public Networks | 24 |
| Mail Standards | 153 | | |
| Managed Objects | 167 | QPSX | 281 |
| Management Functional Areas | 167 | | |
| Management Information | 167 | RARE | 6, 8, 21, 24, 143, 150 |
| MAP/TOP 3.0 Directory | 44 | Relays | 55 |
| Message Handling | 40, 48 | Remote Job Entry | 40 |
| MHS | 6, 8, 75, 153 | Remote Terminal Access | 21 |
| MHS Connection between China and Fed.
Rep. Germany | 83 | Repacking | 281 |
| Migration Strategy | 94 | Research Network | 75 |
| Minimum Hop | 367 | Reversible | 267 |
| MINT | 55 | RFC-822 | 48 |
| Mission-oriented Networks | 146 | RFC-987 | 48 |
| Mixed-media Services | 129 | Routing | 179, 267, 367 |
| MOTIS | 153 | | |
| MTA | 55 | Satellite Communications | 129 |
| Multiobjective Decision-making | 217 | SATINE System | 129 |
| | | SDL | 311 |
| Name Services | 161 | Segnet | 347 |
| Name Space | 48 | Services | 75, 311 |
| Naming | 48 | Session Service Provider | 243 |
| National Network | 119 | Shortest Path | 367 |
| Network Applications | 94 | Simulation | 197, 383 |
| Network Level Relay | 34 | Software Environments | 197 |
| Network Management | 101, 119, 146, 167 | Software Tools | 197 |
| Network Model | 299 | Spanning-tree | 267 |
| Network Operations | 101 | Specification | 311 |
| Network Protocols | 94 | Standard Generalized Markup Language | 138 |
| Network Provision | 108 | Store-and-forward Conversion | 55 |
| Network Tariffs | 146 | Supercomputer Access | 146 |
| Network Topology | 94 | Supercomputer Interconnection | 135 |
| Network Transition | 94 | SWITCH | 75 |
| Networking | 124 | SWITCHmail | 48 |
| Networking Policy | 6 | Systems Management | 167 |
| Networks | 267, 367 | | |
| Non-swapping | 267 | Tariff Structures | 24 |
| NSFnet | 89 | Telecommunication Systems | 311 |
| | | Test Suite | 243 |
| Office Document Architecture | 138 | THORN | 143 |
| On-the-fly Conversion | 55 | Topology Broadcast | 179 |
| Open Systems Interconnection | 34, 40, 311, 357, 395 | Transport Protocols | 383 |
| OSI | 34, 40, 311, 357, 395 | Tree-forming | 267 |
| OSI Applications | 75 | Trunking | 187 |

Subject Index

423

UNISON Project	129	Wide Area Backbone	135
User Affiliation	299	Windowing Capability	357
User Network Requirements	146		
User-Information Services	161	X.400	48
		X.25	119, 395
		X.25 Packet Switching	34
Videotex Systems	299	X.25 Products	31
Virtual Terminal Classification	357	X.400	8, 75, 153
Virtual Terminal Protocol	357	X.500	161
Virtual Terminal Service	357	X.75	187